

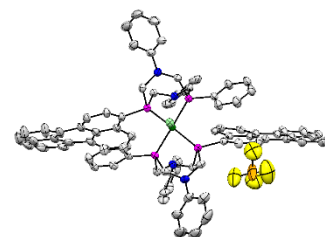
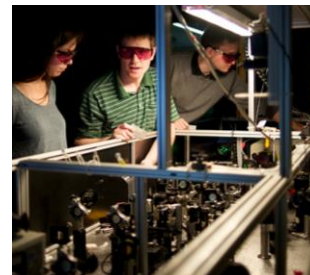
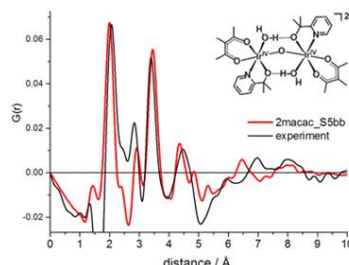
# Argonne-Northwestern Solar Energy Research (ANSER) Center

## Michael R. Wasielewski (Northwestern University)

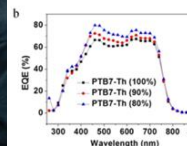
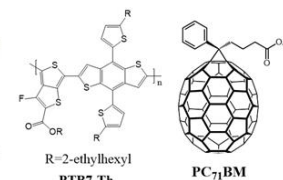
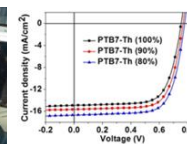
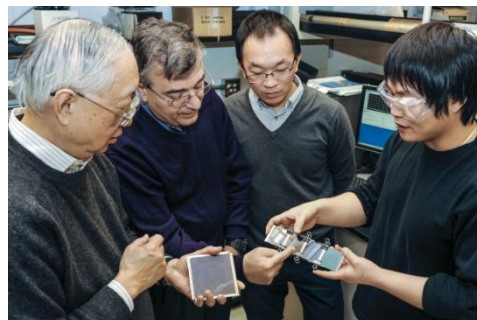
The mission of the ANSER Center is to revolutionize our understanding of molecules, materials, and methods necessary to create dramatically more efficient technologies for solar fuels and electricity production.

<http://www.AnserCenter.org>

*Solar Fuels*



*Solar Electricity*



## RESEARCH PLAN

Develop a fundamental understanding of how to:

- Design, fabricate, and characterize new catalysts to split water to hydrogen and oxygen and to convert carbon dioxide into liquid fuels using sunlight.
- Design, fabricate, and characterize new materials for low-cost, earth-abundant, next generation solar cells and powering solar fuels catalysts.



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